



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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October 30, 2002

Rick Olsen, General Manager  
Canyon Fuel Company, LLC  
P.O. Box 1029  
Wellington, Utah 4542

Re: Approval of Stocker Coal Bin, Canyon Fuel Company, LLC, Dugout Mine, C/007/039-AM02K, Outgoing File

Dear Mr. Olsen:

The above-referenced amendment is approved effective October 24, 2002. A stamped incorporated copy is enclosed for your copy of the Mining and Reclamation Plan.

There were no deficiencies with the original submittal. That being the case, those federal agencies that received the amendment can simply incorporate it into their existing copy of the Mining and Reclamation Plan.

If you have any questions, please feel free to call me at (801) 538-5268 or Stephen J. Demczak at (435) 613-5242.

Sincerely,

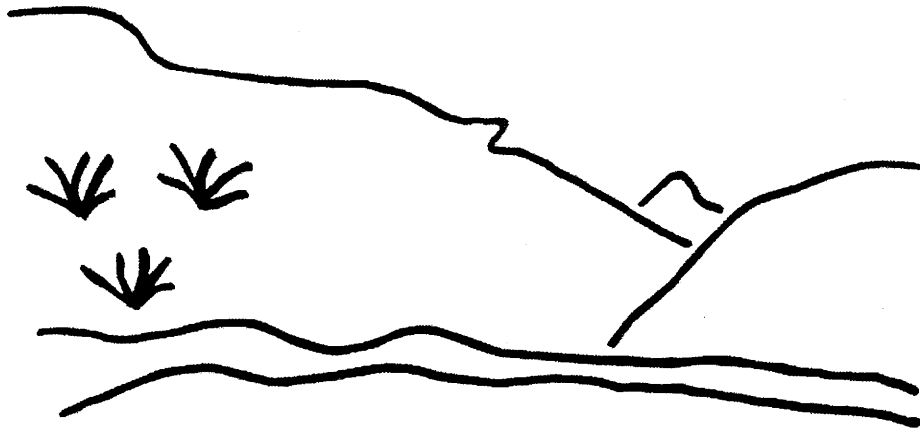
Pamela Grubaugh-Littig  
Permit Supervisor

SJD/sd  
Enclosure

cc Ranvir Singh, OSM  
Pat Gubbins, BLM  
Mark Page, Water Rights w/o  
Dave Ariotti, DEQ w/o  
Derris Jones, DWR w/o  
Steve Boyden, TLA w/o  
Price Field Office

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# State of Utah



## Utah Oil Gas and Mining

### Coal Regulatory Program

Dugout Canyon Mine  
Stocker Coal Bin  
C/007/039-02K  
Technical Analysis  
October 29, 2002

## TABLE OF CONTENTS

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<b>INTRODUCTION.....</b>	<b>3</b>
<b>OPERATION PLAN .....</b>	<b>5</b>
MINING OPERATIONS AND FACILITIES .....	5
TOPSOIL AND SUBSOIL .....	5
Topsoil Removal and Storage .....	5
VEGETATION .....	5
HYDROLOGIC INFORMATION .....	6
General .....	6
MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS .....	6
Certification Requirements .....	6
<b>RECLAMATION PLAN.....</b>	<b>9</b>
GENERAL REQUIREMENTS .....	9
APPROXIMATE ORIGINAL CONTOUR RESTORATION .....	9
BACKFILLING AND GRADING .....	9
General .....	10
BONDING AND INSURANCE REQUIREMENTS .....	10

## TABLE OF CONTENTS

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## TECHNICAL ANALYSIS

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# TECHNICAL ANALYSIS

The Division regulates the Surface Mining Control and Reclamation Act of 1977 (SMCRA). When mines submit a Permit Application Package or an amendment to their Mining and Reclamation Plan, the Division reviews the proposal for conformance to the R645-Coal Mining Rules. This Technical Analysis is such a review. Regardless of these analyses, the permittee must comply with the minimum regulatory requirements as established by SMCRA.

Readers of this document must be aware that the regulatory requirements are included by reference. A complete and current copy of these regulations and a copy of the Technical Analysis and Findings Review Guide can be found at <http://ogm.utah.gov/coal>

This Technical Analysis (TA) is written as part of the permit review process. It documents the Findings that the Division has made to date regarding the application for a permit and is the basis for permitting decisions with regard to the application. The TA is broken down into logical section headings which comprise the necessary components of an application. Each section is analyzed and specific findings are then provided which indicate whether or not the application is in compliance with the requirements.

Often the first technical review of an application finds that the application contains some deficiencies. The deficiencies are discussed in the body of the TA and are identified by a regulatory reference which describes the minimum requirements. In this Technical Analysis we have summarized the deficiencies at the beginning of the document to aid in responding to them. Once all of the deficiencies have been adequately addressed, the TA will be considered final for the permitting action.

It may be that not every topic or regulatory requirement is discussed in this version of the TA. Generally only those sections are analyzed that pertain to a particular permitting action. TA's may have been completed previously and the revised information has not altered the original findings. Those sections that are not discussed in this document are generally considered to be in compliance.

## INTRODUCTION

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### INTRODUCTION

The permittee has requested to construct a Stocker coal bin to store treated coal. Stocker coal is coal that is treated with oil. By having this bin, the oil would not contaminate the ground.

The bonding cost for the construction project is \$990. This is well below the current contingency in the bond and below the 5 percent of the total bonding amount. This project is within the current disturbed area.

Page 4  
C/007/039-02K  
October 29, 2002

## **INTRODUCTION**

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## **OPERATION PLAN**

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# **OPERATION PLAN**

## **MINING OPERATIONS AND FACILITIES**

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

### **Analysis:**

The permittee has updated the Page 5-16 giving description of steel structure located at Dugout Mine.

### **Findings**

The permittee has met the minimum requirements of this section.

## **TOPSOIL AND SUBSOIL**

Regulatory Reference: 30 CFR Sec. 817.22; R645-301-230.

### **Analysis:**

#### **Topsoil Removal and Storage**

The topsoil has been removed from this area. This project is within the disturbed area.

### **Findings:**

The permittee has met the minimum requirements of this section.

## **VEGETATION**

Regulatory Reference: R645-301-330, -301-331, -301-332.

### **Analysis:**

Vegetation has been removed from this area. This project is within the disturbed area.



## **OPERATION PLAN**

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### **Findings:**

The permittee has met the minimum requirements of this section.

## **HYDROLOGIC INFORMATION**

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

### **Analysis:**

#### **General**

The Stocker Coal Bin is within the disturbed area. The mine site sediment pond is treating the water from this area. This action will have no additional affect to the hydrology of this area.

### **Findings:**

The permittee has met the minimum requirements of this section.

## **MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS**

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

### **Analysis:**

#### **Mining Facilities Maps**

The permittee has updated the surface facilities showing the location of the truck loader bin. The map being updated is Plate 5-2.

#### **Certification Requirements**

The maps submitted are P.E. certified by Layne D. Jensen, badge No. 189797.

## OPERATION PLAN

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### **Findings:**

The permittee has met the minimum requirements of this section.

Page 8

C/007/039-02K

October 29, 2002

## **OPERATION PLAN**

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## RECLAMATION PLAN

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# RECLAMATION PLAN

## GENERAL REQUIREMENTS

Regulatory Reference: PL 95-87 Sec. 515 and 516; 30 CFR Sec. 784.13, 784.14, 784.15, 784.16, 784.17, 784.18, 784.19, 784.20, 784.21, 784.22, 784.23, 784.24, 784.25, 784.26; R645-301-231, -301-233, -301-322, -301-323, -301-331, -301-333, -301-341, -301-342, -301-411, -301-412, -301-422, -301-512, -301-513, -301-521, -301-522, -301-525, -301-526, -301-527, -301-528, -301-529, -301-531, -301-533, -301-534, -301-536, -301-537, -301-542, -301-623, -301-624, -301-625, -301-626, -301-631, -301-632, -301-731, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-732, -301-733, -301-746, -301-764, -301-830.

### Analysis:

The reclamation will be to remove the steel bin and concrete from this area.

### Findings:

The permittee has met the minimum requirements of this section.

## APPROXIMATE ORIGINAL CONTOUR RESTORATION

Regulatory Reference: 30 CFR Sec. 784.15, 785.16, 817.102, 817.107, 817.133; R645-301-234, -301-412, -301-413, -301-512, -301-531, -301-533, -301-553, -301-536, -301-542, -301-731, -301-732, -301-733, -301-764.

### Analysis:

This project will not change the AOC approved for this area.

### Findings:

The permittee has met the minimum requirements of this section.

## BACKFILLING AND GRADING

Regulatory Reference: 30 CFR Sec. 785.15, 817.102, 817.107; R645-301-234, -301-537, -301-552, -301-553, -302-230, -302-231, -302-232, -302-233.

## RECLAMATION PLAN

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### **Analysis:**

#### **General**

No additional backfilling and grading will be required during reclamation due to this project.

### **Findings:**

The permittee has met the minimum requirements of this section.

## **BONDING AND INSURANCE REQUIREMENTS**

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

### **Analysis:**

The bonding amount for this project is \$990. This is below the 5 % of the total bond.

### **Findings:**

The permittee has met the minimum requirements of this section.